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Bell, were referred to the consideration of the Committee on the Hall, with power to act.

Dr. R. E. Rogers exhibited the capacity of the Rumkorff coil (as modified by Ritchie), for generating electricity of high tension and great volume. Dr. Rogers explained, by experiments with a small but powerful electrical machine armed with a wooden ring, in the hollow of which was concealed a solid wire ring (not alluded to by the maker or describers of the machine), how the volume of the common electrical machine can be indefinitely increased, without diminishing the tension, by simply protecting its condenser from the air, which, even in its most favourable conditions, cannot but occupy itself incessantly with carrying off the electricity. Dr. Rogers succeeded in affording such protection to the common condenser by simply making it hollow, and facing the inside instead of the outside with a metallic surface. The same result is obtained by insulating the outside surface by means of a heavy coat of varnish. A silk gown thrown over the operator standing on an insulating stool, makes him a powerful condenser, upon this principle.

*Stated Meeting, February 18, 1859.*

Prof. CRESSON, Vice-President, in the Chair.

Present, thirteen members.

Letters announcing donations for the library were read from the I. R. Geol. Inst. dated Vienna, Nov. 30, 1857, Jan. 10, 1858;—the I. Soc. of Nat. of Moscow, dated June 5–17, 1858;—the R. Sax. Soc. dated Leipzig, April 28, and July 18, 1858:—the U. Hess. S. N. H. dated Giessen, Aug. 6, 1858:—the R. Dan. S. dated Copenhagen July 1, 1858:—the R. A. S. at Amsterdam, dated Dec. 10, 1857, and June 23, 1858: and the scientific commission of the Zool. Gard. of Amsterdam, dated March, 1858.

Letters were also read from the R. A. S. at Amsterdam, acknowledging the receipt of the Society's publications:—from Dr. D. Bierens de Haar, calling the favourable attention of the

Society to his published tables of definite integrals, dated Deventer, March, 1858:—from Wm. H. Miller, F. Sec. of the R. S. dated London, January 19, 1859, relative to the supply of missing numbers of the A. P. Transactions:—from E. Everett, Pres't. Trustees Boston Pub. Lib. dated Boston, Jan. 1859, announcing the presentation of Dr. Bowditch's library to the B. P. L. and requesting a continuation of exchanges.

The following donations for the Library were announced:—

- African Repository. XXXV. 2.—*From the Amer. Col. Society.*  
 Giornale . . . Istituto Lombardo, f. xlvii.—liv.—*From the Institute.*  
 Memorie . . . VI; VII, f. i, ii, iii. 1856, 1858.—*From the same.*  
 Atti . . . I. R. Is. Lombardo 1, f. i—v. Milan, 1858. 4to.—*From the same.*  
 Bulletin . . . Soc. Imp. Nat. Moscow, 1857, ii—iv, 1858, i.—*From the Society.*  
 Jahrbuch . . . K. K. Geol. Reich. 1857. VIII. No. 2, 3. 8vo.—*From the Institute.*  
 Bericht . . . K. Säch. Gesell. Phil. hist. C. 1856, iii, iv, 1857, i, ii, 1858 i.—Math. phys. C. 1857, ii, iii, 1858, i.—*From the Society.*  
 Hankel's elektrische untersuchungen, iii. Leipsig.—*From the same.*  
 Hanson's theorie der sonnenfinsternisse p. 306—451.—*From the same.*  
 Jahrs. (43d) . . . Nat. Gesell. Emden, 1857. 8vo.—*From the Soc.*  
 Kleine Schriften . . . N. G. Emden, 1858. V. Small 8vo.—*From the same.*  
 Bericht (6th.) . . . Oberhess. Gesell. Giessen, 1857.—*From the Soc.*  
 Oversigt . . . K. Danske V. Sels. For. 1857. Copen.—*From the Soc.*  
 Catalogue of books . . R. Acad. Amster. I. i, 1857.—*From the Acad.*  
 Jaarboek . . . R. Acad. Amsterdam, April, 1857—April, 1858.—*From the same.*  
 Verslagen en Mededeelingen, Letter Kunde III. i, ii, iii, 1858;—Naturkunde VII. i, ii, iii. 8vo.—*From the same.*  
 Verhandelingen . . IV. V. VI. 1856, 1857, 1858. 4to.—*From the same.*  
 Bijdragen tot de Dierkunde . . . K. Zool. S. Nat. Artis, vii, 1858.  
 Boston Public Library, circular to the patrons of the Bowditch Library. Aug. 28, 1858. (Pamphlet 13 pp.) 8vo.—*From the Library.*  
 Cincinnati Y. Men's Lib. Ass. 24th An. Rep. 1858.—*From the Asso.*  
 Missouri Geol. Survey, 4th Rep. of progress, 1859.—*From G. C. Swallow.*  
 California State Register, 1859, edited and presented by E. G. Langley.  
 Franklin Institute Journal. Feb. 1859.—*From the Institute.*

The minutes of the last meeting of the Board and Council were read.

Pending nomination, No. 388 was read.

On motion of Mr. Foulke, the Librarian was instructed to transmit by mail to the members of the Society its proceedings, so soon as published, except in cases where requested not to do so by the parties interested.

On motion of Dr. Le Conte, the letter of resignation of Prof. Frazer was taken from the table and accepted, and the Society was adjourned.

*Stated Meeting, March 4, 1859.*

Present, twenty-two members.

Dr. WOOD, President, in the Chair.

New members were introduced : Dr. Evans by Dr. Bridges ; Judge Thompson by Mr. Fraley ; Dr. Wister by Dr. Le Conte.

A letter was received from Jordan & Brother, of Philadelphia, dated February 28, 1859, enclosing and requesting attention to a letter from the heirs of Joseph Horsfield, of Bethlehem, deceased, reclaiming through their agents, Jordan & Brother, a certain manuscript volume of correspondence relating to Indian Affairs in the last Century, deposited in the library of the A. P. Society by the said Joseph Horsfield, and so described in Vol. I. Part 1, of Historical and Literary Transactions, page 4.

The following donations to the Library were announced:—

Ten pamphlets of Natural History and one of Chimatology, from the proceedings of different societies.—*From Dr. Leidy.*

Monthly Notices . . . R. As. S. xix. iii. Jan. 14, 1857.—*From the Soc.*  
Principles of Social Science, by H. C. Carey, III.—*From the Author.*  
Reply of B. A. Gould to the Statement of the Trustees of the Dudley Observatory. Albany, 1859, (pamp. 8vo. 366 pp.)—*From the Author.*

First Annual Message of A. Henry, &c. Phila. 1859, (pamp. 172.)  
—*From the Councils.*